



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number **SA00061MC-D**

*This certificate issued to:* L-3 Communications Integrated Systems, L.P.  
10001 Jack Finney Blvd.  
Greenville, TX 75402

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.*

Original Product – Type Certificate Number: A24CE

Make: Textron Aviation, Inc.

Model: B300

**Description of Type Design Change:**

This STC has no configuration change. Performance flight tests were performed in an attempt to reduce conservatism in the prerequisite STC airplane flight manual supplement, however changes to the prerequisite STC Airplane Flight Manual Supplement were not required. Approved data for the effort is documented in L-3 Communications Integrated Systems Sealed Drawing List SDL 18146-2 Revision NC, dated 20 December 2017 or later FAA/ODA approved revision.

**Limitations and Conditions:**

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.
3. Installation of STC SA00042MC is a prerequisite for this STC.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of application: 16 December 2010

Date reissued: 22 January 2013

Date of issuance: 06 June 2011

Date amended: 20 December 2017

*By direction of the Administrator*

*Signature* \_\_\_\_\_

*Title* ODA-750173-SW Administrator

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Amdt	1	1	1

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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# *Supplemental Type Certificate*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

## *Transfer Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number:*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of Transfer:*

*Signature of grantor:* \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

Number: **SA00061MC-D**

Amendment 1 Date of Issuance: **20 December 2017**

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Textron, Aviation, Inc. aircraft is as follows:

- The type certification basis for Textron Aviation, Inc. B300 series airplanes is shown on TCDS A24CE for parts **not changed or not affected** by the change.
- The certification basis for parts **changed or affected** by the change since the reference date of application, 16 December 2010, was determined to be as follows:

Para.	Amdt.
23.45(a)(b)(d)(e)(f)(g)(h)	23-62
23.45(c)	23-34
23.45(h)(4)	23-50
23.53(c)	23-62
23.55(a)(b)	23-62
23.57(a)(b)(c)(d)(e)	23-62
23.59(a)	23-62
23.61(a)(b)(c)	23-62
23.63(a)	23-62
23.63(d)	23-50
23.67(c)(e)	23-50
23.69(a)(b)	23-50
23.77(c)	23-62

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

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